

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040422AL\
 Data File : FD041845.D
 Signal(s) : FID2B.CH
 Acq On : 04 Apr 2022 15:07
 Operator : UA/NP
 Sample : N1837-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 02:24:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.365	16483011	102.014 ug/ml
Spiked Amount 50.000		Recovery =	204.03%
6) S 2-Fluorobiphenyl (SURR)	8.236	24004263	230.598 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	461.20%#
11) S ortho-Terphenyl (SURR)	11.236	6520765	37.176 ug/ml
Spiked Amount 50.000		Recovery =	74.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	1997225	11.396 ug/ml
2) T Naphthalene (C11.7)	5.695	4480651	24.567 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	67215109	371.369 ug/ml
5) T Acenaphthylene (C15.06)	7.996	10732828	60.037 ug/ml
7) T Acenaphthene (C15.5)	8.295	17528501	91.701 ug/ml
8) T Fluorene (C16.55)	9.063	106570919	622.350 ug/ml
9) T Phenanthrene (C19.36)	10.533f	91175496	554.966 ug/ml
10) T Anthracene (C19.43)	10.533	91175496	570.126 ug/ml
12) T Fluoranthene (C21.85)	12.263	53934466	321.009 ug/ml
13) T Pyrene (C20.8)	12.604	7218439	43.055 ug/ml
14) T Benzo[a]anthracene (C...	14.443	226153	1.558 ug/ml
15) T Chrysene (C27.41)	14.480	279207	1.696 ug/ml
16) T benzo[b]fluoranthene ...	16.005	404364	2.963 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	404364	2.740 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.773f	63370	0.506 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	63370	0.448 ug/ml

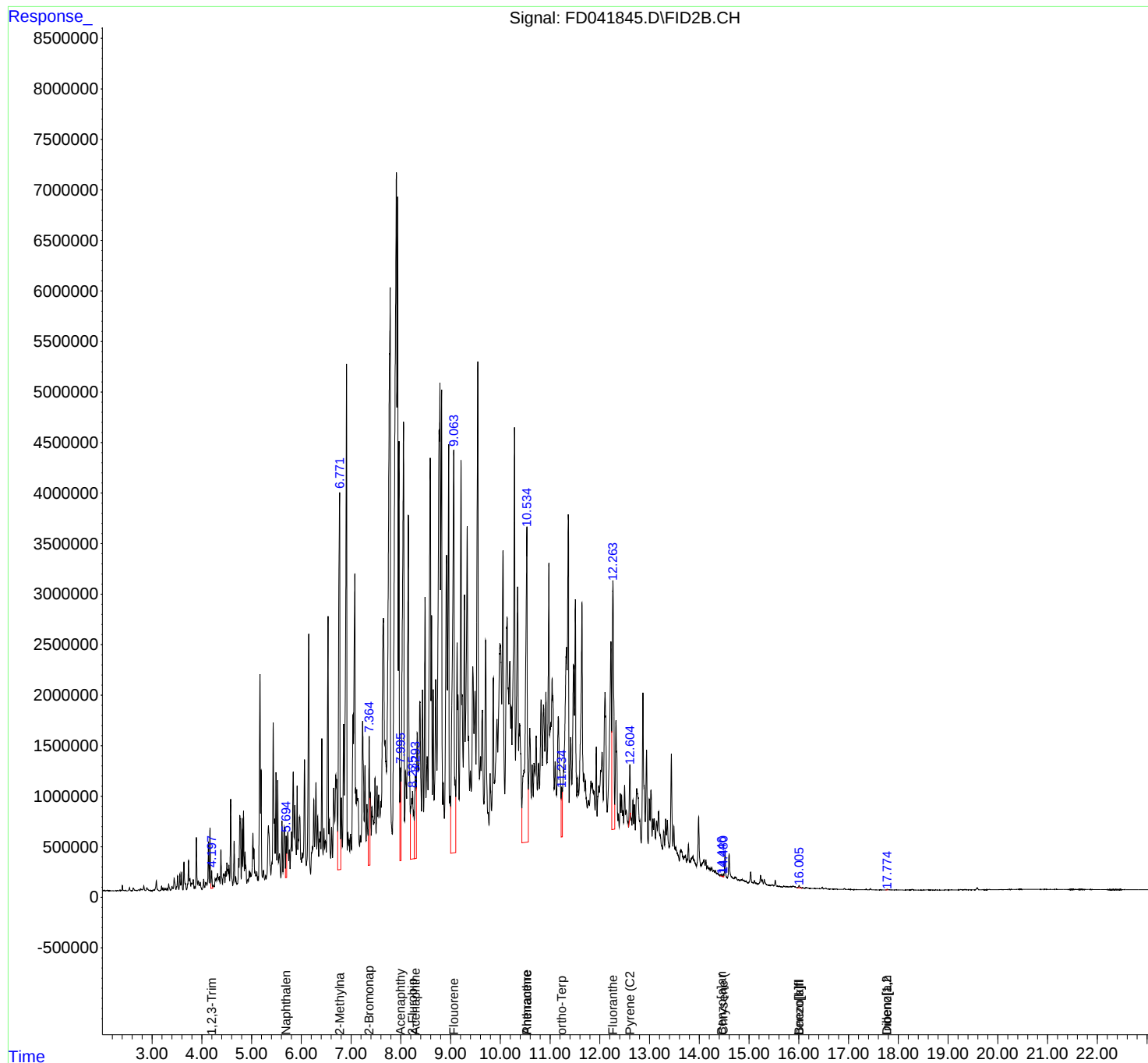
(f)=RT Delta > 1/2 Window

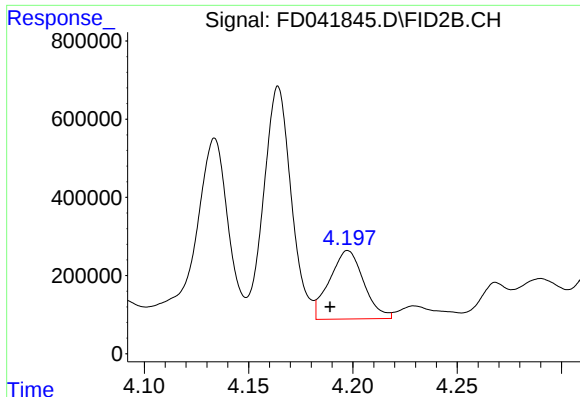
(m)=manual int.

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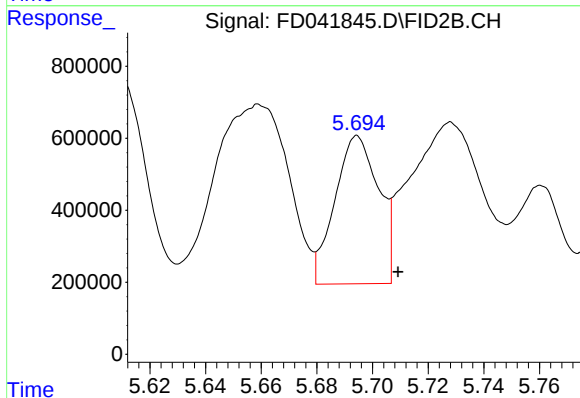
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





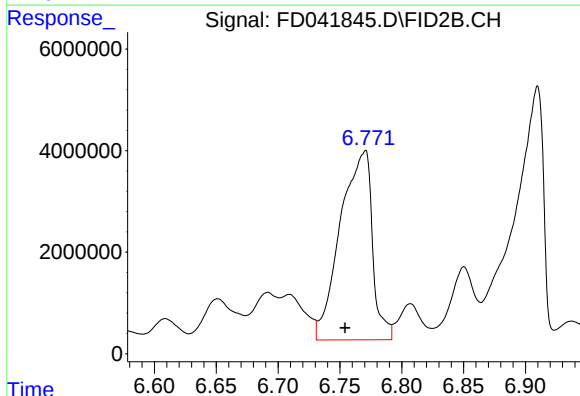
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.198 min
Delta R.T.: 0.009 min
Response: 1997225
Conc: 11.40 ug/ml



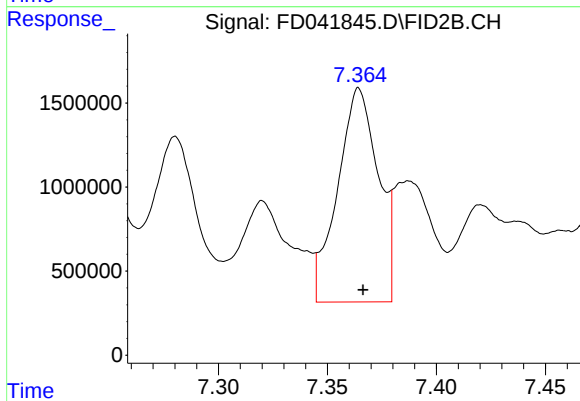
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.014 min
Response: 4480651
Conc: 24.57 ug/ml



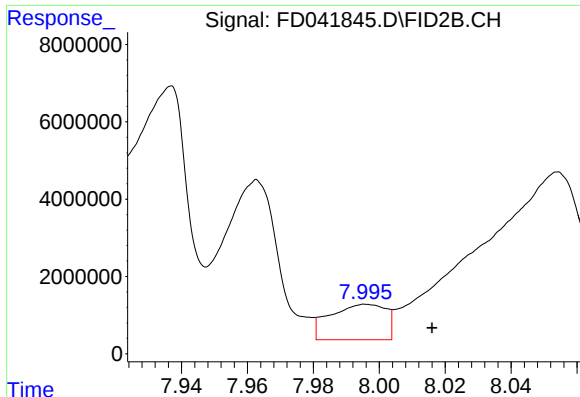
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: 0.014 min
Response: 67215109
Conc: 371.37 ug/ml



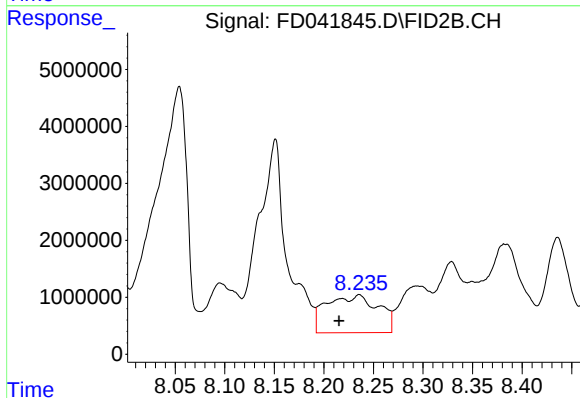
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 16483011
Conc: 102.01 ug/ml



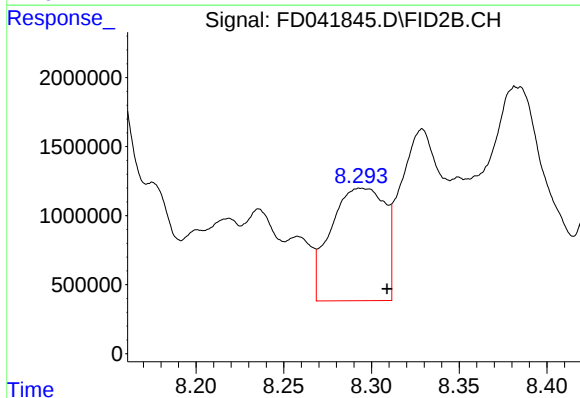
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: -0.020 min
Response: 10732828
Conc: 60.04 ug/ml



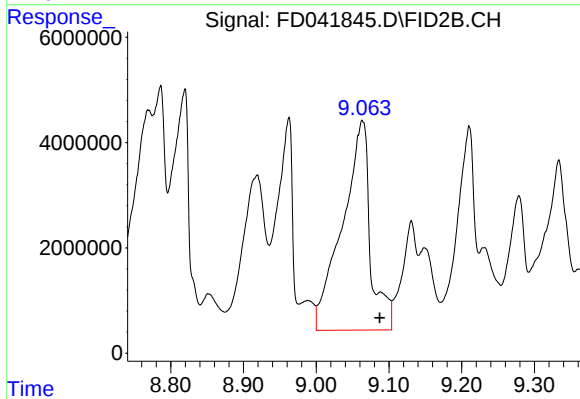
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.236 min
Delta R.T.: 0.020 min
Response: 24004263
Conc: 230.60 ug/ml



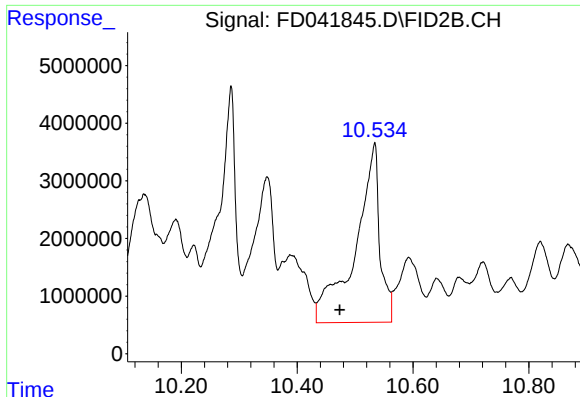
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.014 min
Response: 17528501
Conc: 91.70 ug/ml



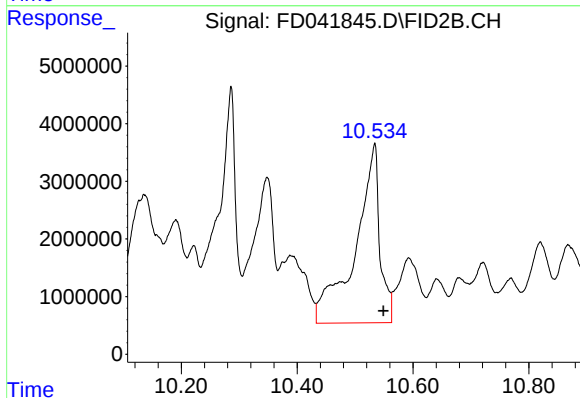
#8 Fluorene (C16.55)

R.T.: 9.063 min
Delta R.T.: -0.024 min
Response: 106570919
Conc: 622.35 ug/ml



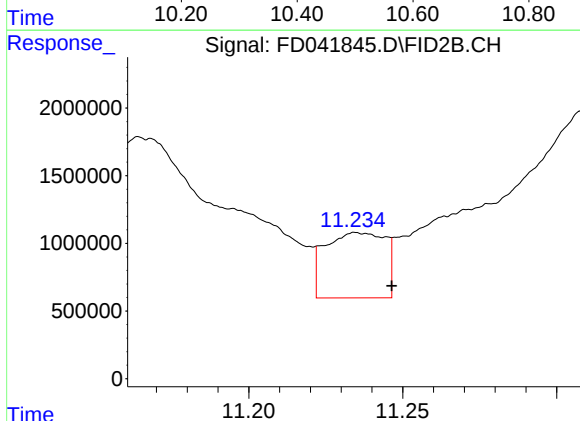
#9 Phenanthrene (C19.36)

R.T.: 10.533 min
Delta R.T.: 0.059 min
Response: 91175496
Conc: 554.97 ug/ml



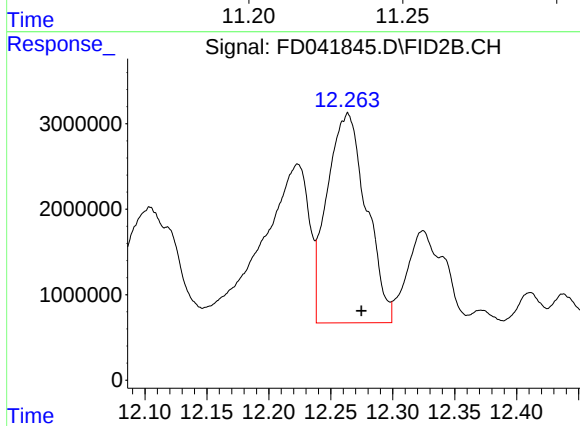
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.016 min
Response: 91175496
Conc: 570.13 ug/ml



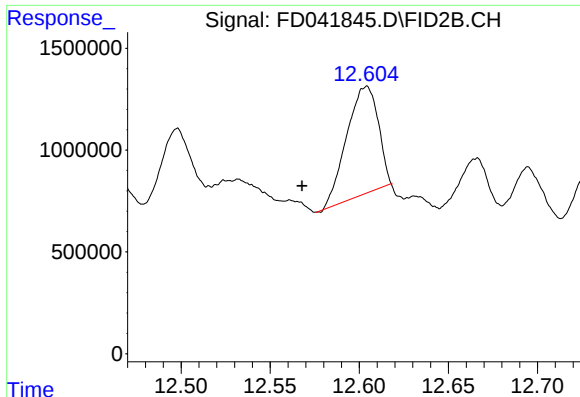
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: -0.010 min
Response: 6520765
Conc: 37.18 ug/ml



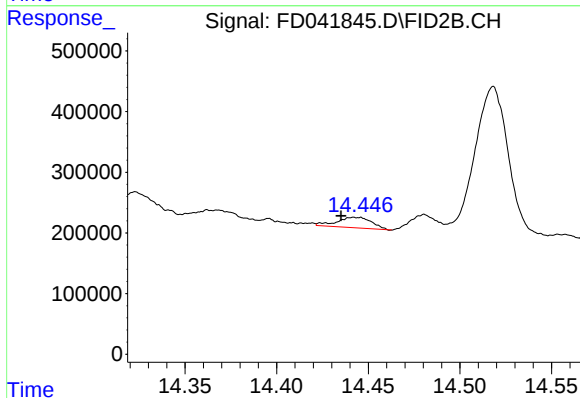
#12 Fluoranthene (C21.85)

R.T.: 12.263 min
Delta R.T.: -0.012 min
Response: 53934466
Conc: 321.01 ug/ml



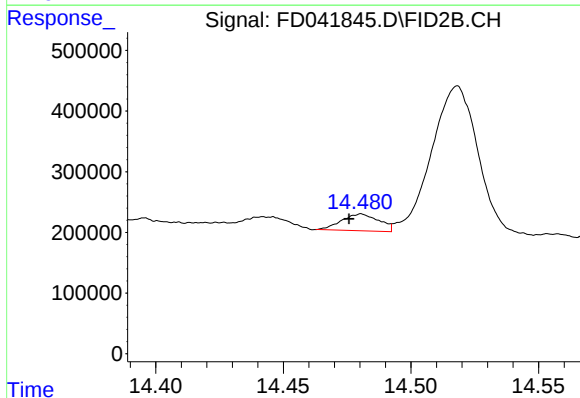
#13 Pyrene (C20.8)

R.T.: 12.604 min
Delta R.T.: 0.036 min
Response: 7218439
Conc: 43.06 ug/ml



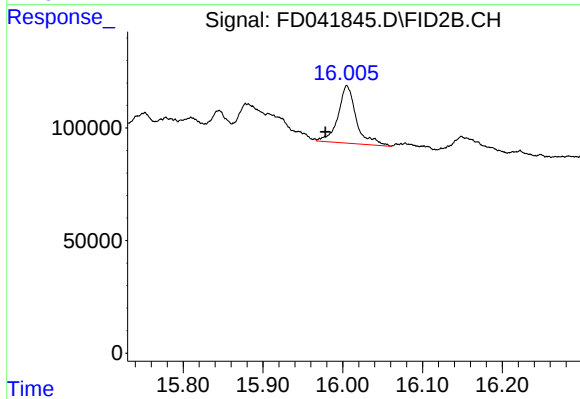
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: 0.008 min
Response: 226153
Conc: 1.56 ug/ml



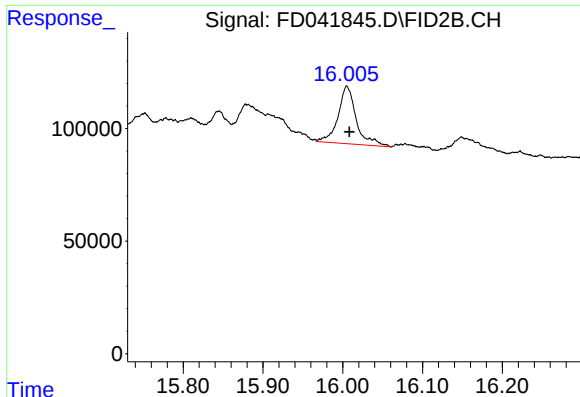
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.005 min
Response: 279207
Conc: 1.70 ug/ml



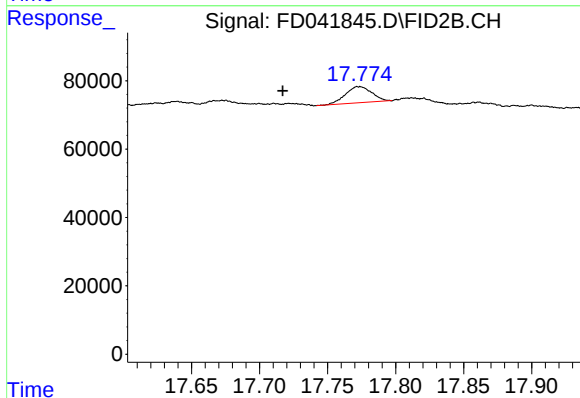
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.005 min
Delta R.T.: 0.027 min
Response: 404364
Conc: 2.96 ug/ml



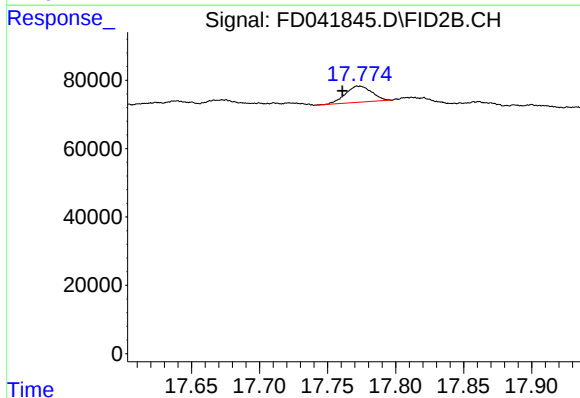
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: -0.003 min
Response: 404364
Conc: 2.74 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.773 min
Delta R.T.: 0.056 min
Response: 63370
Conc: 0.51 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.773 min
Delta R.T.: 0.013 min
Response: 63370
Conc: 0.45 ug/ml